

6. Realiza las siguientes sumas. Debes incluir la sustitución y el resultado.

$$\sum_{k=0}^6 2^k =$$

$$\sum_{i=0}^6 \frac{i}{i+1} =$$

$$\sum_{i=2}^7 i^2 =$$

$$\sum_{i=2}^5 3i^2 - 5i + 7 =$$

$$\sum_{k=6}^{10} (k^2 - (k-1)^2) =$$

$$\sum_{k=2}^5 \frac{ak+b}{2a} =$$

$$\sum_{i=3}^7 \frac{2-i}{4} =$$

$$\sum_{n=5}^9 (n^3 - n) =$$

$$\sum_{i=2}^6 i^2 - \frac{1}{5}i + 3 =$$

$$\sum_{i=4}^7 \sqrt{i} - \sqrt{i-1} + 2 =$$